

C 10/ homogeneously distributed in the first gap and has a concave surface, which core has an inner face defining an inner circumference, an outer face defining an outer circumference, and two substantially parallel side faces; and a number of turns.

C 22 11. (Newly Added) The core of claim 8, wherein: the core comprises a second gap; and the first and the second gap enclose an angle between 5 and 355° with one another.

A marked-up copy of the rewritten claim(s), showing all changes made relative to the previous version of the claim(s), accompanies this paper on a separate sheet or sheets per 37 CFR § 1.121(c)(1)(ii).

REMARKS

The Office action restricts the invention to one of the following groups of claims:

I. Claims 1-5, drawn to a method; and

II. Claims 6-10, drawn to a device or apparatus.

In response, applicants elect to prosecute claims 6-10.

Nonelected claims 1-5 are canceled without prejudice or disclaimer of their subject matter. Applicants reserve the right

to prosecute the canceled claims in a divisional or other continuing application.

Claims 6-10 are amended for non-statutory reasons, to place them in standard U.S. patent practice format. New claim 11 is added. The title is amended to reflect the election.

Further examination of the application on its merits is respectfully requested. If any points remain in issue that may best be resolved through a personal or telephonic interview, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,



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Marked-up version of amended claims to show changes made:

6. (Amended) A ring-shaped core ~~(1,11)~~ which is substantially closed and provided with a first gap ~~(2)~~, which first gap ~~(2)~~ is substantially filled with a spacer material, which core ~~(1,11)~~ has an inner face ~~(5)~~ defining an inner circumference, an outer face ~~(6)~~ defining an outer circumference, and two substantially parallel side faces ~~(7)~~, and is suitable for use in a magnetic coil ~~(10)~~, ~~characterized in that~~

wherein the spacer material is a synthetic resin ~~(3)~~ which is substantially homogeneously distributed in the first gap ~~(2)~~ and has a concave surface ~~(17)~~.

7. (Amended) ~~A~~ The core (1,11) as claimed in of claim 6, ~~characterized in that~~ wherein the synthetic resin comprises a filler.

8. (Amended) ~~A~~ The core (1,11) as claimed in of claim 7, ~~characterized in that~~ wherein the filler is a magnetic material.

9. (Twice Amended) ~~A The core (1,11) as claimed in of~~
claim 6, ~~characterized in wherein:~~

~~the core (1,11) comprises a second gap (12), and in~~
~~that~~

~~the first (2) and the second gap (12) enclose an angle~~
~~between 5 and 355° with one another.~~

10. (Amended) A magnetic coil ~~(10)~~ comprising:

a ring-shaped core (1,11) as claimed in claim 6 that is
substantially closed and is provided with a first gap that is
substantially filled with a spacer material of a synthetic resin
that is substantially homogeneously distributed in the first gap
and has a concave surface, which core has an inner face defining
an inner circumference, an outer face defining an outer
circumference, and two substantially parallel side faces; and
a number of turns ~~(9)~~.